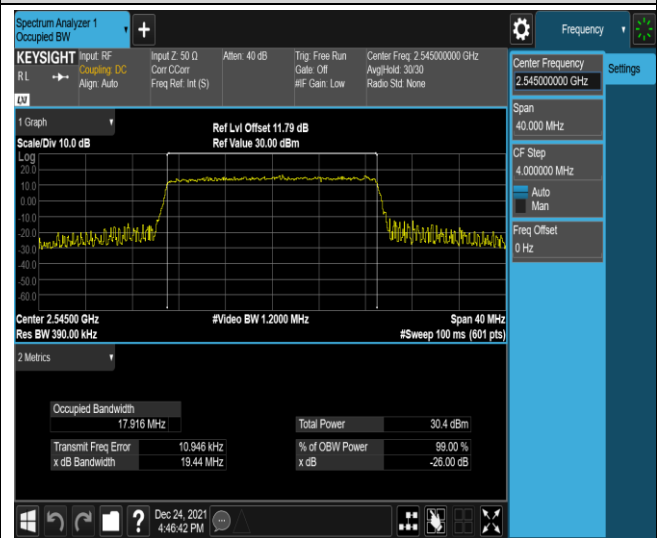
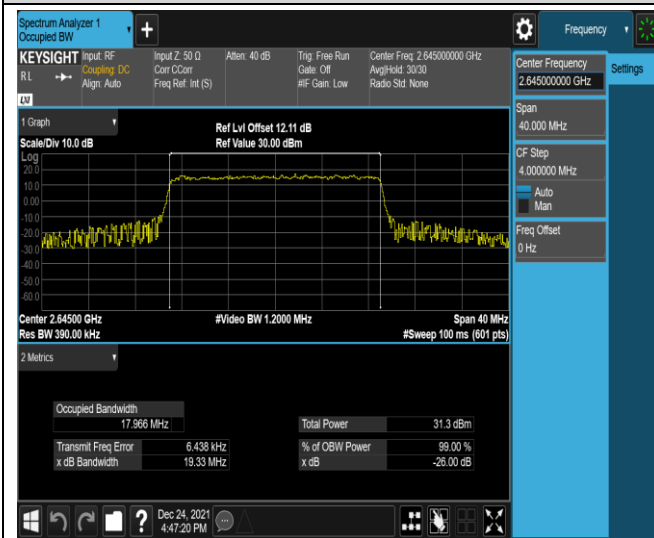




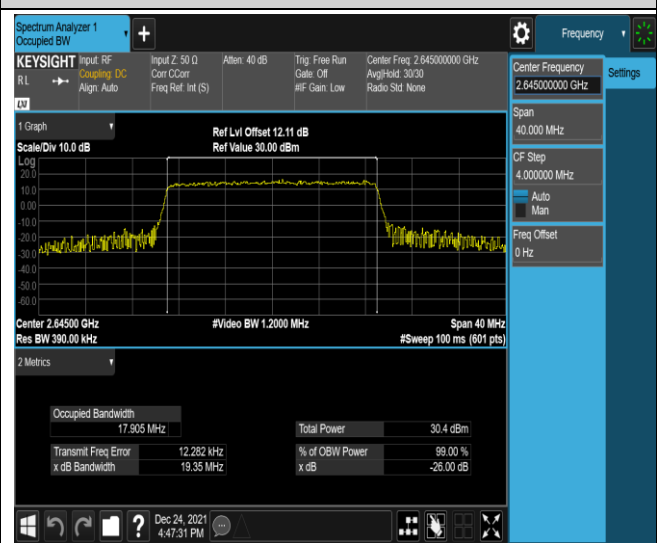
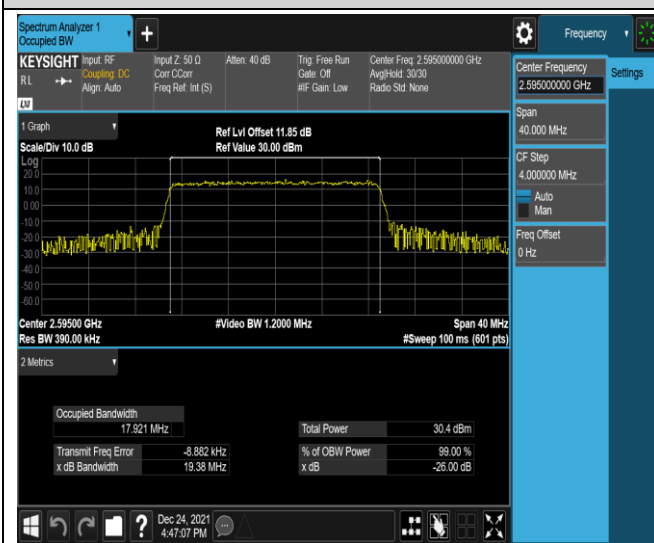
Band41-20MHz-QPSK-41140-100RB#0

Band41-20MHz-16QAM-40140-100RB#0



Band41-20MHz-16QAM-40640-100RB#0

Band41-20MHz-16QAM-41140-100RB#0



Appendix D: Band Edge

Test Result (worst case)

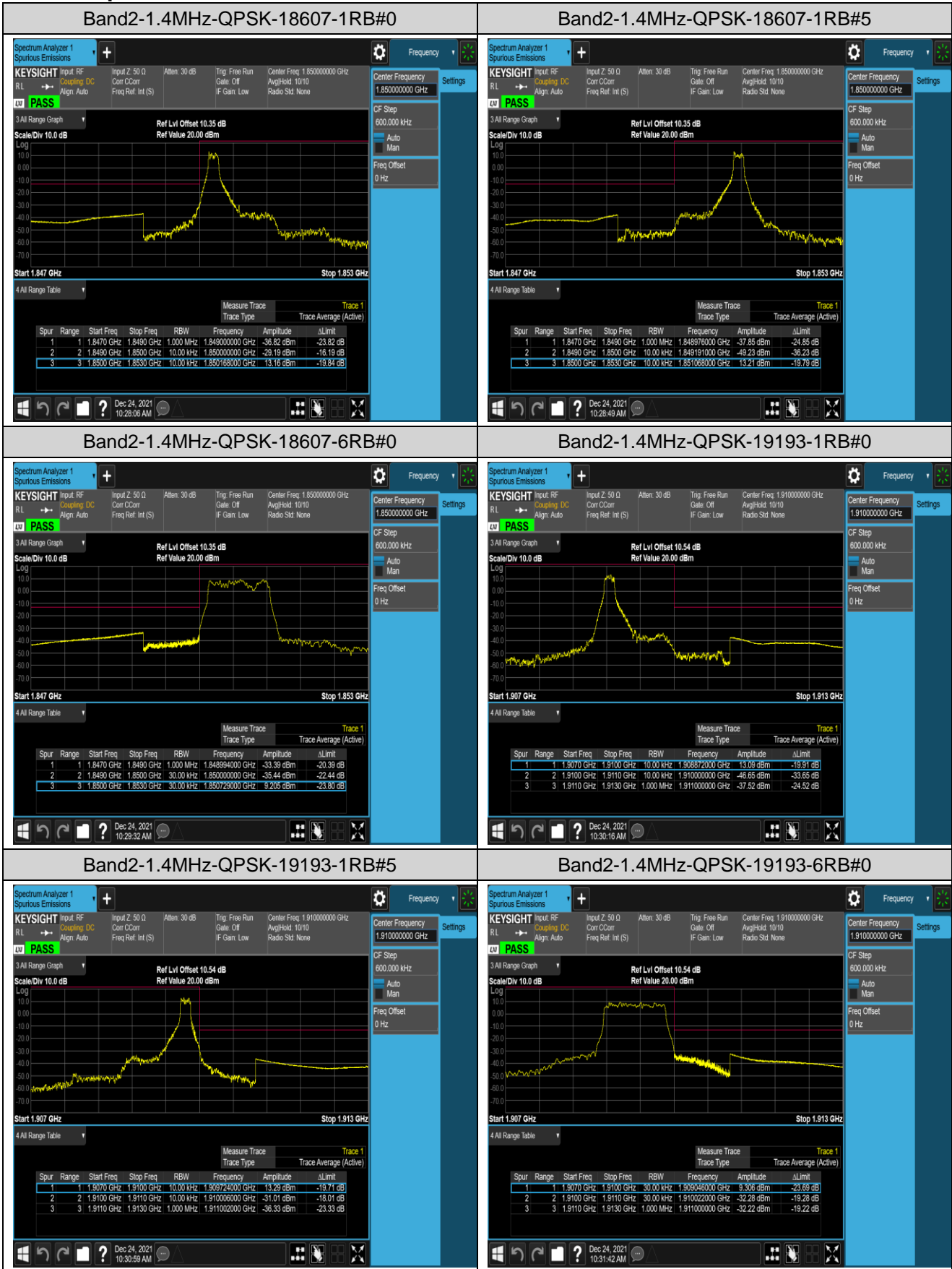
| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------|---------------|---------|
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | -36.82,-29.19 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#5 | -37.85,-49.23 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | -33.39,-35.44 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | -46.65,-37.52 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#5 | -31.01,-36.33 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | -32.28,-32.22 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0 | -37.33,-32.31 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#5 | -38.26,-49.22 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | -33.05,-36.46 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0 | -47.25,-37.62 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5 | -34.22,-36.92 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | -33.96,-33.03 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | -42.21,-43.39 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#99 | -39.25,-51.16 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | -32.19,-35.77 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | -50.42,-45.72 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#99 | -43.24,-43.48 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | -37.57,-34.83 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0 | -42.73,-42.04 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99 | -40.34,-52.82 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | -33.71,-37.31 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0 | -49.72,-46.08 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99 | -41.91,-44.15 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | -40.08,-37.54 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | -36.44,-30.44 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#5 | -36.89,-47.95 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | -28.15,-31.24 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | -46.81,-37.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | -28.56,-36.63 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | -33.55,-29.98 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | -36.95,-28.28 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | -37.58,-48.98 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | -27.81,-30.07 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | -47.40,-37.68 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | -27.88,-37.25 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | -32.53,-29.75 | PASS |

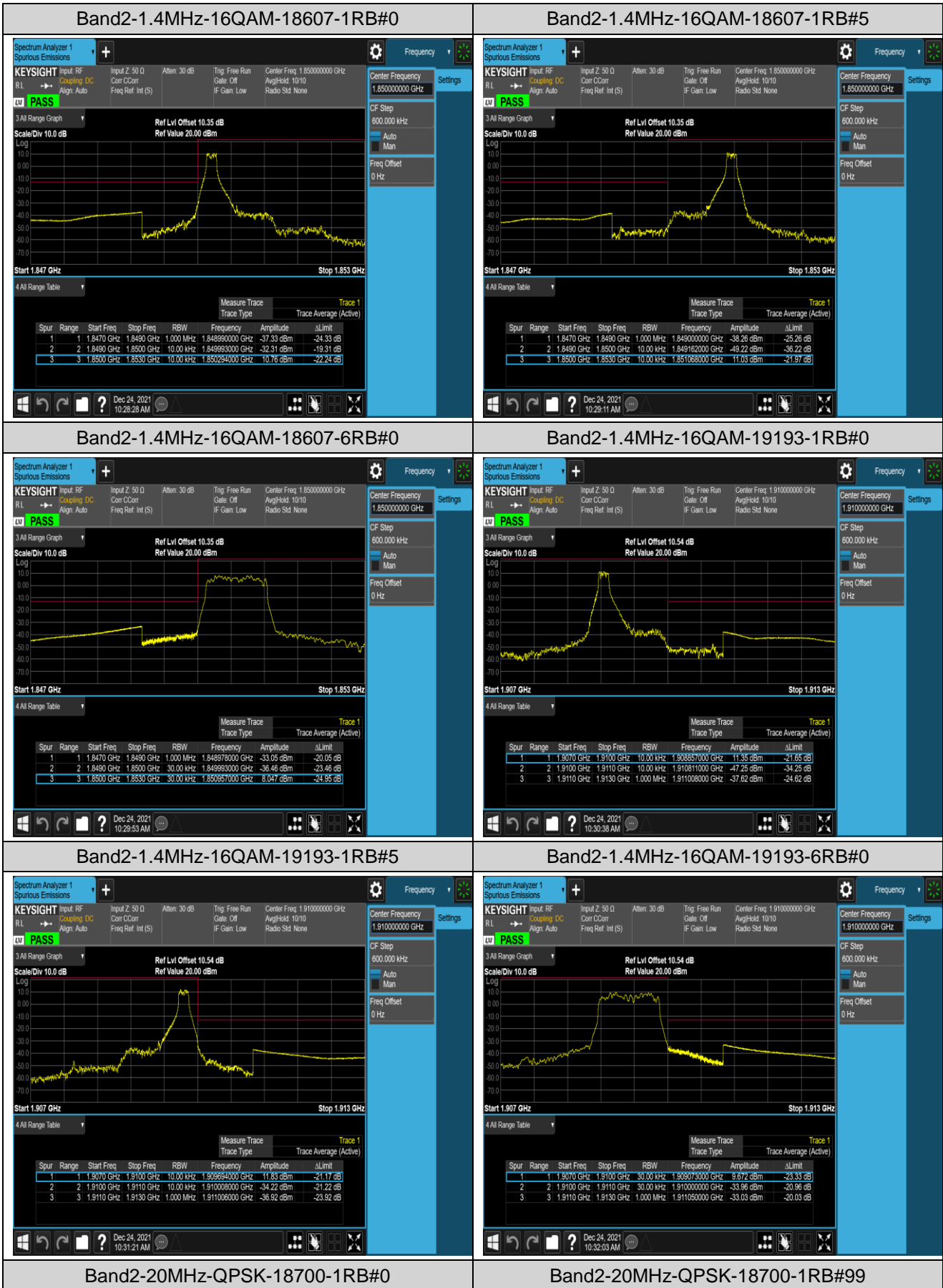
| | | | | | | |
|-------|--------|-------|-------|---------|-----------------------------|------|
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | -40.75,-44.28 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#99 | -37.88,-50.05 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | -29.49,-33.29 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | -50.67,-32.90 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | -42.47,-41.96 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | -39.44,-35.43 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | -41.43,-42.48 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99 | -39.32,-49.58 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | -29.42,-33.50 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | -50.44,-34.18 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | -43.58,-42.17 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | -37.67,-33.61 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | -45.89,-29.97 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | -44.29,-46.91 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | -39.70,-33.46 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | -48.83,-44.96 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | -32.85,-45.99 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | -35.64,-42.44 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | -46.29,-33.23 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | -45.76,-48.13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | -43.10,-34.06 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | -49.18,-45.91 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | -32.45,-46.75 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | -37.26,-43.70 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | -49.61,-39.85 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | -44.29,-54.17 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | -43.87,-36.50 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | -54.52,-41.94 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | -36.89,-47.84 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | -37.46,-44.56 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | -50.70,-37.64 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | -45.98,-54.20 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -44.32,-37.32 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | -54.86,-43.01 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -37.08,-48.15 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -38.47,-44.39 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | -47.12,-40.77,-35.07,-29.18 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | -50.12,-41.93,-37.27,-49.72 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | -39.89,-34.39,-22.53,-27.18 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | -47.72,-35.73,-46.16,-49.70 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | -27.50,-34.47,-45.16,-47.36 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | -27.50,-24.56,-35.22,-37.75 | PASS |

| | | | | | | |
|--------|-------|-------|-------|---------|-----------------------------|------|
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | -48.36,-42.00,-36.83,-31.09 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | -50.51,-41.57,-37.92,-52.80 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | -41.24,-35.29,-26.35,-30.78 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | -50.80,-36.19,-46.37,-49.92 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | -29.01,-35.86,-45.55,-48.18 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | -30.86,-28.74,-36.06,-39.14 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | -45.15,-41.41,-41.93,-44.98 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | -41.32,-46.03,-45.92,-52.86 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | -34.85,-31.19,-29.22,-32.64 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | -47.84,-44.20,-38.38,-51.11 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | -40.20,-38.94,-38.43,-50.81 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | -30.16,-27.02,-28.11,-46.78 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | -46.34,-43.08,-42.83,-43.77 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | -42.27,-46.65,-46.18,-51.67 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | -38.63,-35.07,-33.03,-36.24 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | -49.58,-44.33,-39.31,-50.98 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | -41.78,-40.71,-40.89,-51.05 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | -33.83,-31.03,-32.17,-47.34 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 1RB#0 | -49.27,-44.77,-37.80,-32.28 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 1RB#24 | -49.77,-47.16,-37.54,-53.15 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 25RB#0 | -45.82,-42.99,-32.99,-33.61 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | -51.57,-36.08,-46.81,-49.32 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#24 | -30.89,-37.30,-45.24,-48.42 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 25RB#0 | -34.44,-31.03,-41.99,-45.26 | PASS |
| Band41 | 5MHz | 16QAM | 40065 | 1RB#0 | -49.63,-46.08,-38.90,-35.25 | PASS |
| Band41 | 5MHz | 16QAM | 40065 | 1RB#24 | -50.01,-47.31,-36.94,-53.12 | PASS |
| Band41 | 5MHz | 16QAM | 40065 | 25RB#0 | -45.12,-42.52,-34.35,-36.85 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | -53.91,-36.52,-47.13,-49.52 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#24 | -33.55,-38.36,-45.11,-48.77 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 25RB#0 | -38.90,-33.77,-41.74,-44.23 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 1RB#0 | -51.31,-44.89,-43.62,-46.23 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 1RB#99 | -51.51,-42.71,-47.27,-54.03 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 100RB#0 | -49.77,-43.65,-42.00,-45.69 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | -52.59,-46.37,-41.59,-51.42 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#99 | -42.70,-44.30,-45.40,-51.16 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 100RB#0 | -43.43,-40.02,-41.92,-48.62 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 1RB#0 | -51.35,-46.20,-43.82,-44.83 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 1RB#99 | -51.55,-44.02,-47.56,-56.34 | PASS |
| Band41 | 20MHz | 16QAM | 40140 | 100RB#0 | -49.23,-43.32,-41.59,-45.75 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | -53.25,-46.85,-43.17,-51.44 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#99 | -46.86,-44.34,-46.41,-51.29 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | -44.34,-40.76,-42.29,-48.43 | PASS |

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

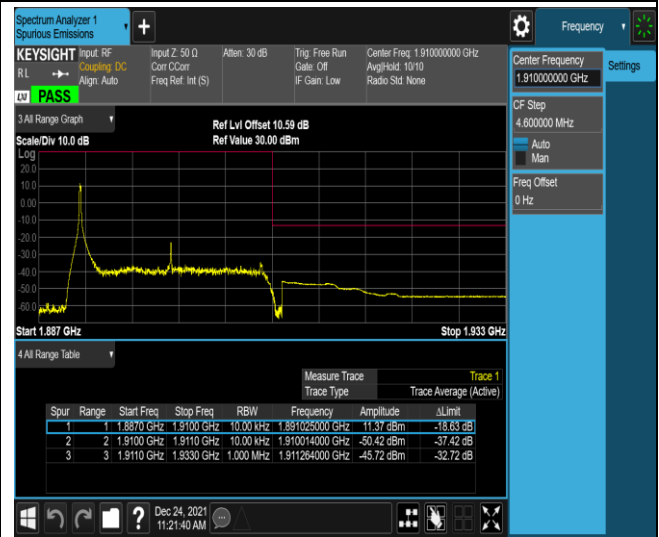
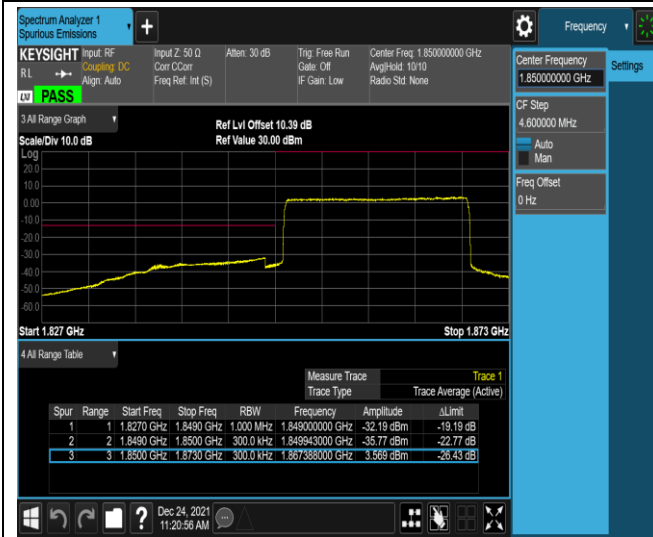






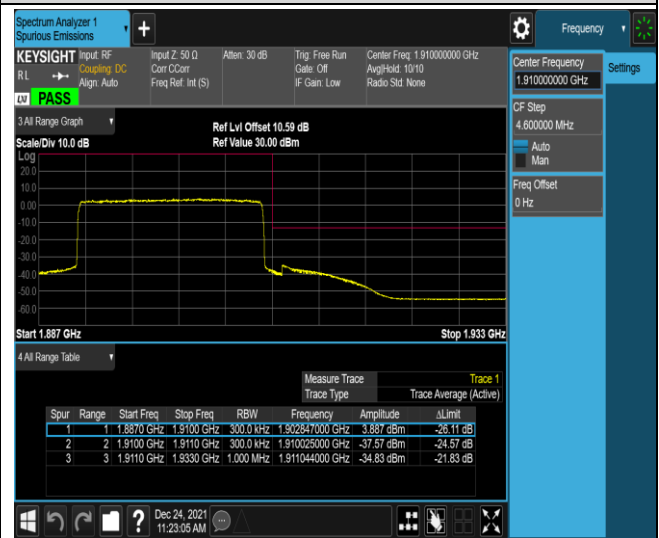
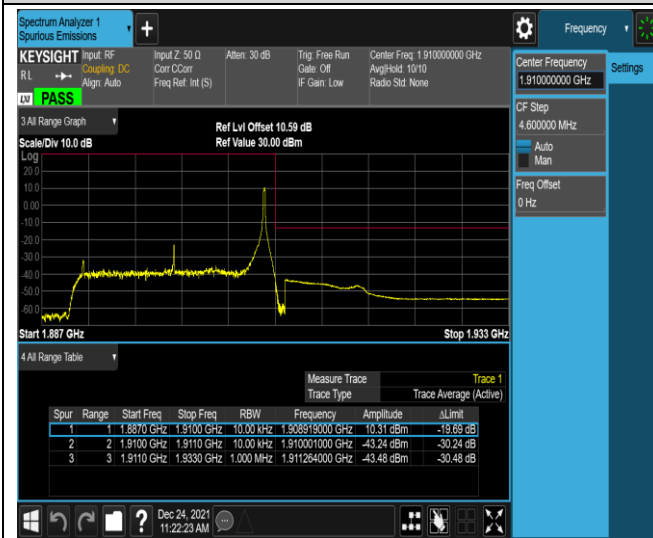
Band2-20MHz-QPSK-18700-100RB#0

Band2-20MHz-QPSK-19100-1RB#0



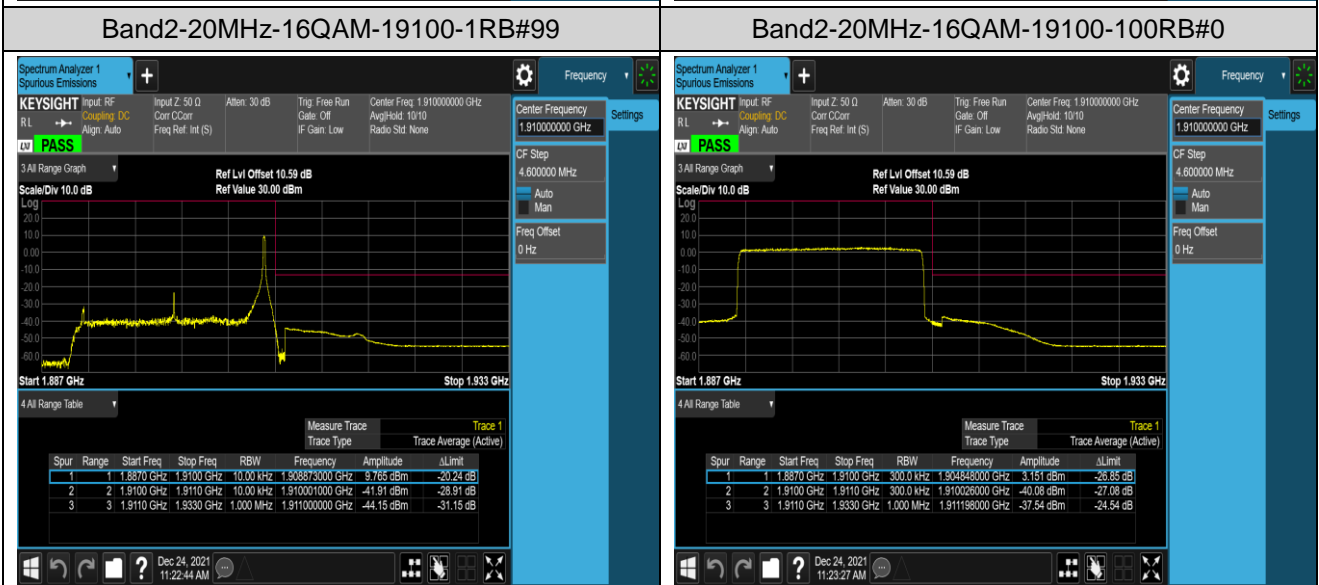
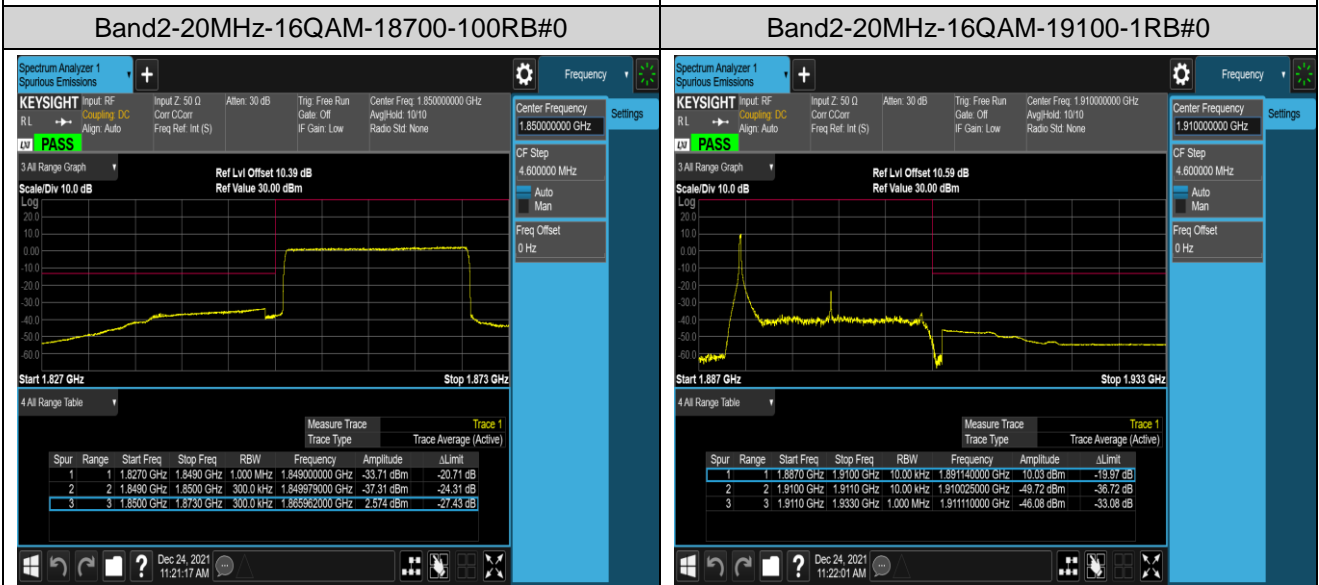
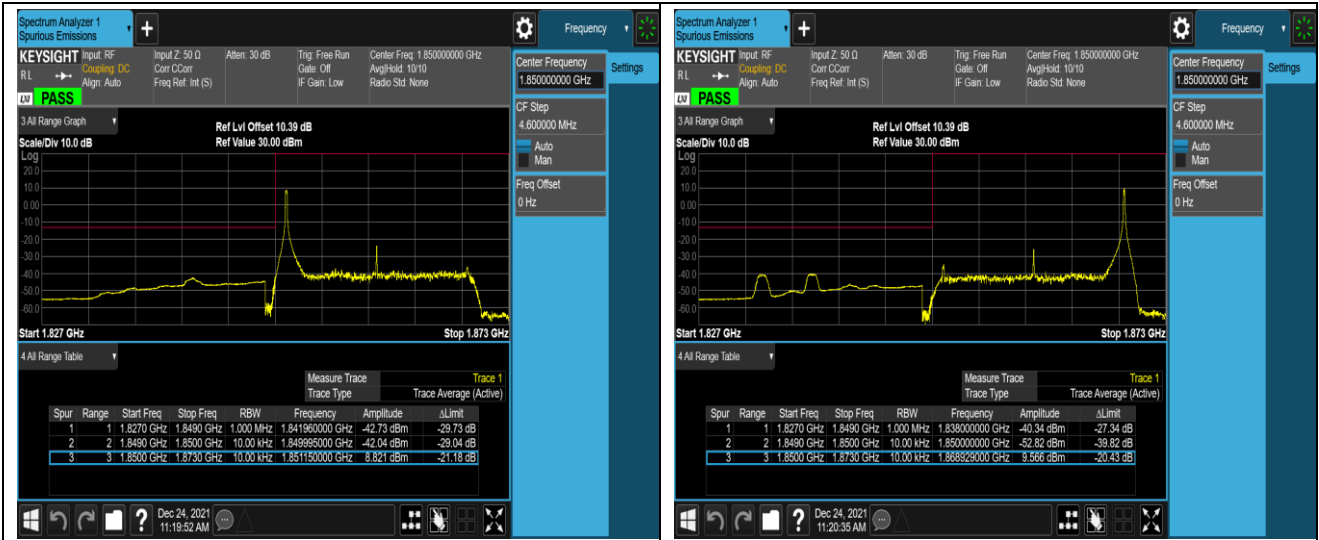
Band2-20MHz-QPSK-19100-1RB#99

Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-16QAM-18700-1RB#0

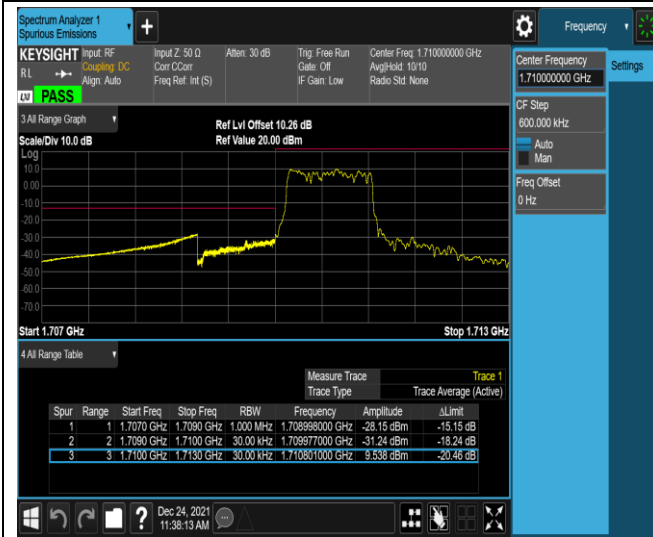
Band2-20MHz-16QAM-18700-1RB#99



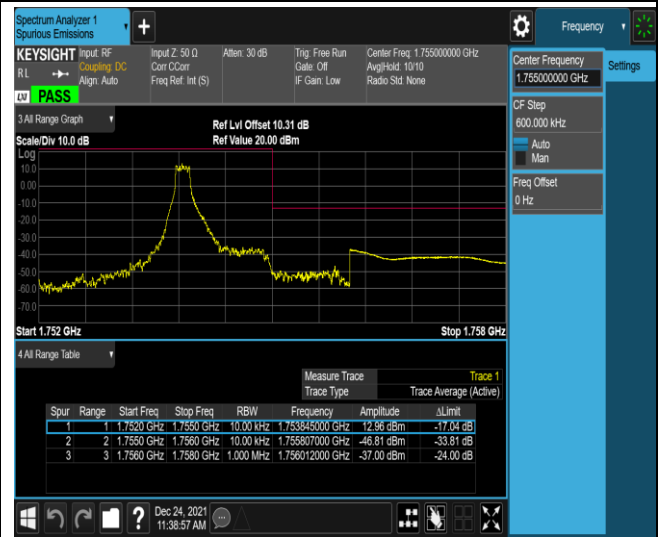


Band4-1.4MHz-QPSK-19957-6RB#0

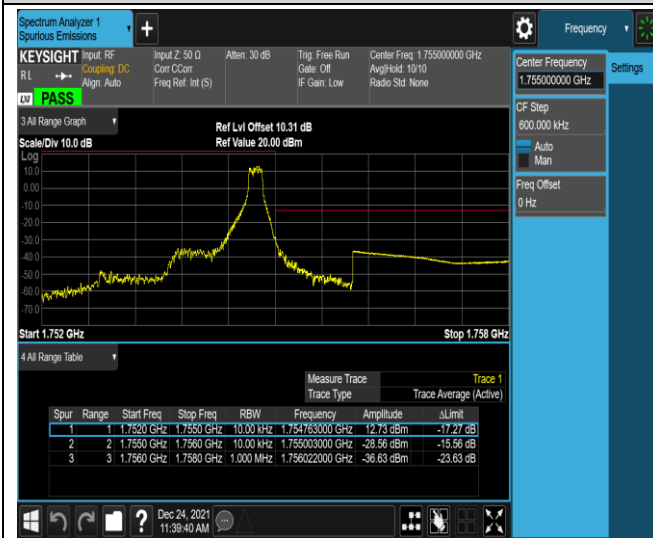
Band4-1.4MHz-QPSK-20393-1RB#0



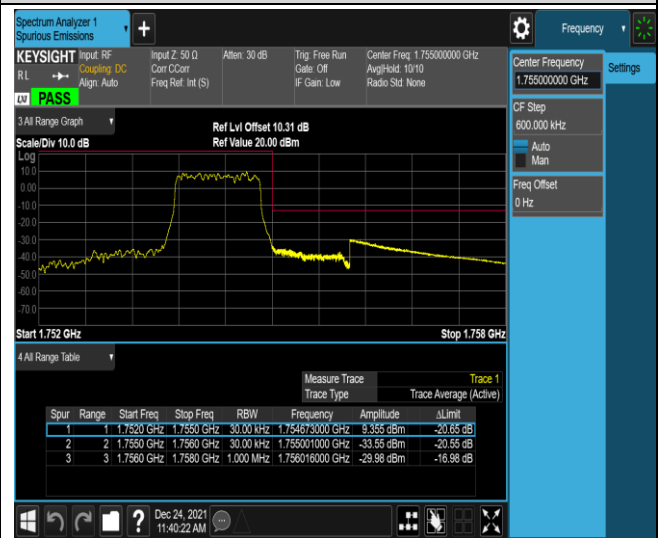
Band4-1.4MHz-QPSK-20393-1RB#5



Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0

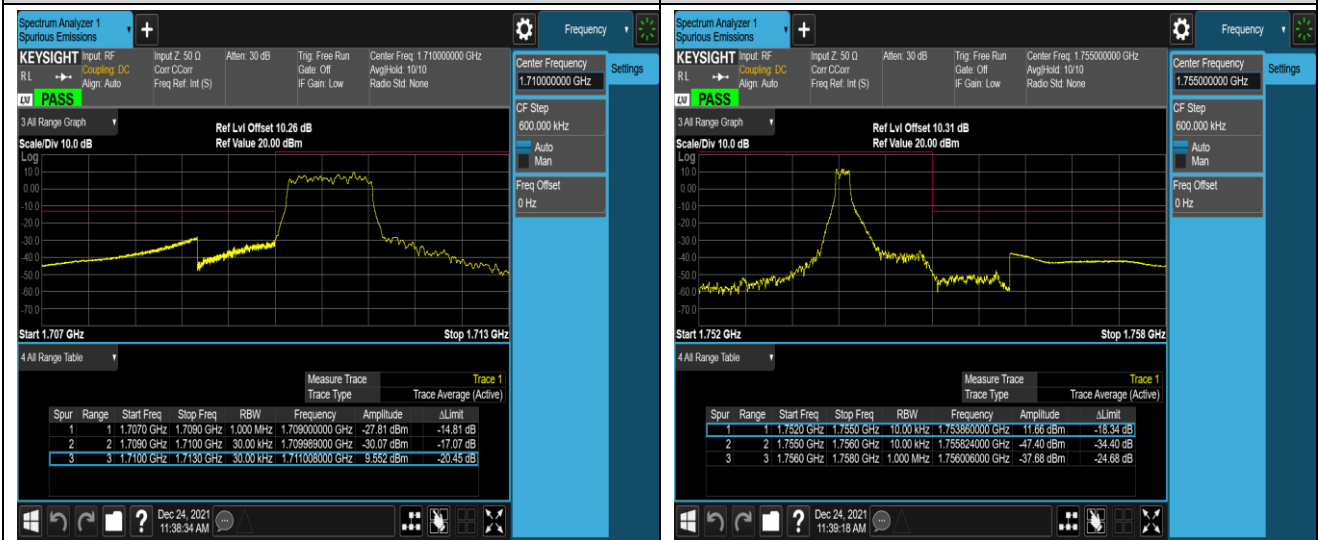


Band4-1.4MHz-16QAM-19957-1RB#5



Band4-1.4MHz-16QAM-19957-6RB#0

Band4-1.4MHz-16QAM-20393-1RB#0



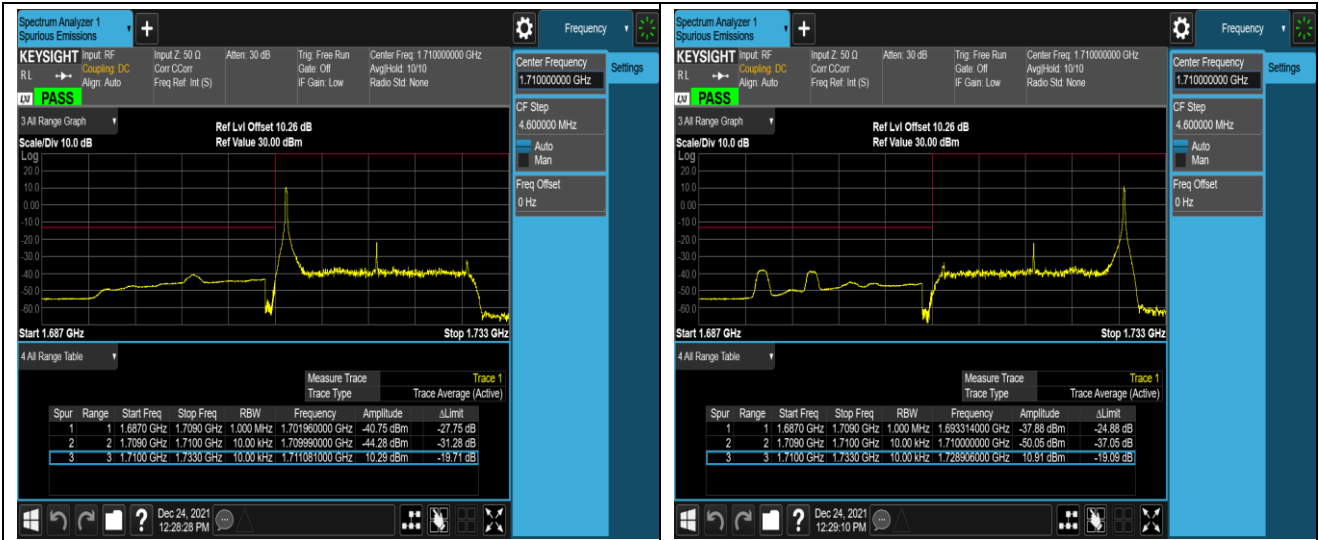
Band4-1.4MHz-16QAM-20393-1RB#5

Band4-1.4MHz-16QAM-20393-6RB#0



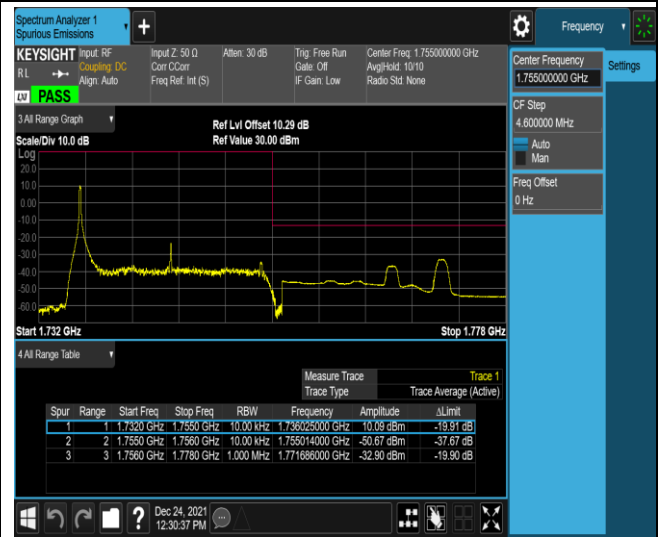
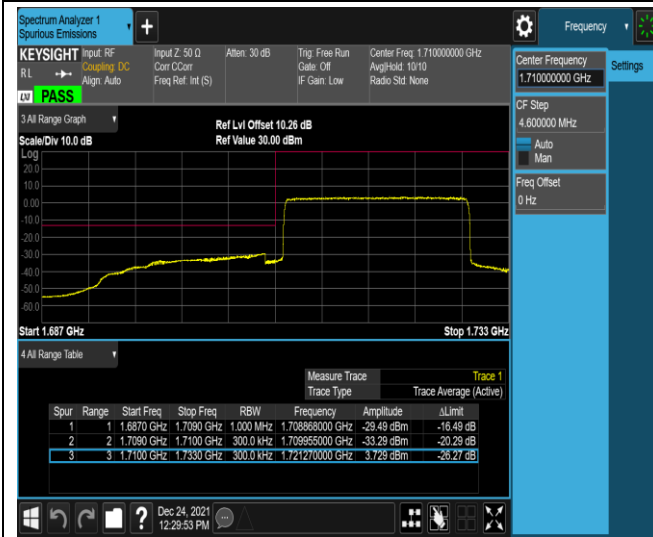
Band4-20MHz-QPSK-20050-1RB#0

Band4-20MHz-QPSK-20050-1RB#99



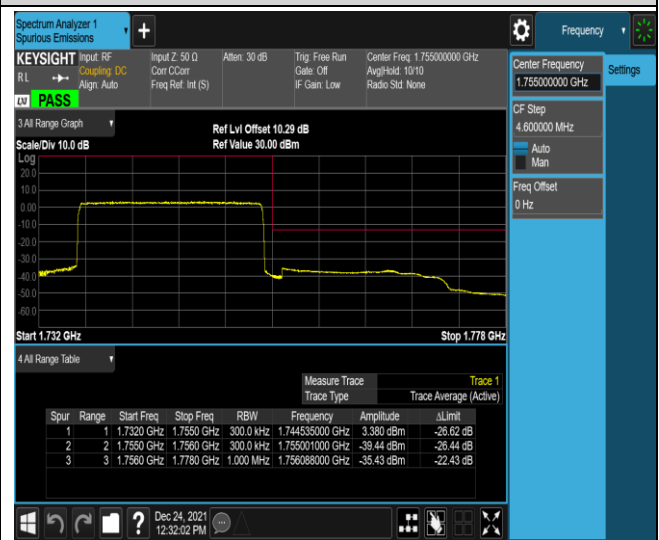
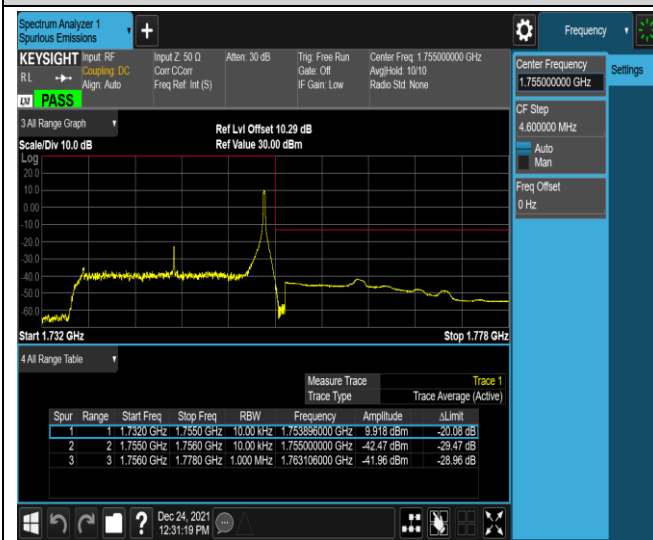
Band4-20MHz-QPSK-20050-100RB#0

Band4-20MHz-QPSK-20300-1RB#0



Band4-20MHz-QPSK-20300-1RB#99

Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0

Band4-20MHz-16QAM-20050-1RB#99

